SEQUENCE LISTING

<110> FEARON, Karen L.
DINA, Dino
TUCK, Stephen F.

<120> CHIMERIC IMMUNOMODULATORY COMPOUNDS AND
METHODS OF USING THE SAME-IV

<130> 377882002021

<140> Not Yet Assigned
<141> 2003-07-18

<150> US 10/328,578
<151> 2002-12-23

<150> US 10/176,883
<151> 2002-06-21

<150> US 10/177,826
<151> 2002-06-21

<150> US 60/375,253
<151> 2002-04-23

<150> US 60/299,883
<151> 2001-06-21

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8

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tgactgtgaa cggtcggtat ga   22

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12

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14

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gaaangutcg   10

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15

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23

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tgatgcatca   10

<210> 106
<211> 13
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<400> 106
tcggtatcgg tcg   13

<210> 107
<211> 13
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<400> 107
tcggtaccgt tcg   13

<210> 108
<211> 13
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<400> 108
tcggaaccgt tcg   13

<210> 109
<211> 12
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<400> 109
tcggaacgtt cg   12

<210> 110
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<400> 110
tcgtcggaac gttcg   15

<210> 111
<211> 12
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<400> 111
tcgtaacgtt cg   12

<210> 112
<211> 11
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<400> 112
tcgaccgttc g   11

<210> 113
<211> 14
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<400> 113
tcgtcgaccg ttcg   14

<210> 114
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<400> 114
tgcgtgtaac gttacacgca   20

27

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<210> 115
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<221> variation
<222> 2
<223> n = 5-bromocytosine

<221> variation
<222> 5
<223> n = 5-bromocytosine

<221> variation
<222> 4-6
<223> tng may or may not be present

<221> variation

<222> 7, 8
<223> n = any nucleotide

<221> variation
<222> 7, 8
<223> n's may or may not be present

<221> variation
<222> (10)...(10)
<223> n = t, a, or c

<221> variation
<222> (13)...(13)
<223> n = t, g, or u

<400> 115
tngtngnnan cgntcg                                                    16

<210> 116
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<400> 116
ttggccaagc ttggccaa                                                  18

<210> 117
<211> 16
<212> DNA
<213> Artificial Sequence
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<220>
<223> Synthetic construct

<221> variation
<222> 2, 5
<223> n = 5-bromocytosine

<400> 117
tngtngtgaa cgttcg                                                            16

<210> 118
<211> 11
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<221> variation
<222> 2
<223> n = 5-bromocytosine

<400> 118
tngaacgttc g                                                                 11

<210> 119
<211> 11
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<221> variation
<222> 2
<223> n = 5-bromocytosine

<400> 119
tngaccgttc g                                                                 11

<210> 120
<211> 14
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<221> variation
<222> 2, 5
<223> n = 5-bromocytosine

<400> 120
tngtngaccg ttcg                                                              14

<210> 121
<211> 16
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<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<221> variation
<222> 5
<223> n = 5-bromocytosine

<221> variation
<222> 7, 8
<223> n = any nucleotide

<221> variation
<222> 7, 8
<223> n's may or may not be present

<221> variation
<222> 10
<223> n = t, a, or c

<221> variation
<222> 13
<223> n = t, u, or g

<400> 121
tcgtngnnan cgntcg                                                    16

<210> 122
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<221> variation
<222> 5
<223> n = 5-bromocytosine

<400> 122
tcgtngtgaa cgttcg                                                    16

<210> 123
<211> 14
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<221> variation
<222> 5
<223> n = 5-bromocytosine

<400> 123
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30

tcgtngaacg ttcg   14

<210> 124
<211> 14
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<221> variation
<222> 5
<223> n = 5-bromocytosine

<400> 124
tcgtngaccg ttcg   14

<210> 125
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<221> misc_feature
<222> (4)...(6)
<223> tcg may or may not be present

<221> variation
<222> 7, 8
<223> n = any nucleotide

<221> variation
<222> 7, 8
<223> n's may or may not be present

<221> variation
<222> 10
<223> n = t, a, or c

<221> variation
<222> 11
<223> n = 5-bromocytosine

<221> variation
<222> (13)...(13)
<223> n = t, g, or u

<400> 125
tcgtcgnnan ngntcg   16

<210> 126
<211> 13
<212> DNA
<213> Artificial Sequence

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<220>
<223> Synthetic construct

<221> variation
<222> 8
<223> n = 5-bromocytosine

<400> 126
tcggaaangt tcg                                                              13

<210> 127
<211> 11
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<221> variation
<222> 6
<223> n = 5-bromocytosine

<400> 127
tcgaangttc g                                                                11

<210> 128
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<221> variation
<222> 2
<223> n = 5-bromocytosine

<221> variation
<222> (4)...(6)
<223> tng may or may not be present

<221> variation
<222> 5
<223> n = 5-bromocytosine

<221> variation
<222> 7, 8
<223> n = any nucleotide

<221> variation
<222> 7,8
<223> n's may or may not be present

<221> variation
<222> (10)...(10)
<223> n = t, a, or c
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<221> variation
<222> (13)...(13)
<223> n = t, g, or u

<400> 128
tngtngnnan ngntcg                                                    16


<210> 129
<211> 11
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<221> variation
<222> 2, 6
<223> n = 5-bromocytosine

<400> 129
tngaangutc g                                                        11


<210> 130
<211> 11
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<221> variation
<222> 2, 6
<223> n = 5-bromocytosine

<400> 130
tngaangttc g                                                        11


<210> 131
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
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<221> variation
<222> 5
<223> n = 5-bromocytosine

<221> variation
<222> 7, 8
<223> n = any nucleotide

<221> variation
<222> 7, 8
<223> n's may or may not be present
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<221> variation
<222> 10
<223> n = t, a, c

<221> variation
<222> 11
<223> n = 5-bromocytosine

<221> variation
<222> (13)...(13)
<223> n = t, g, or u

<400> 131
tcgtngnnan ngntcg                                                  16

<210> 132
<211> 14
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<221> variation
<222> 5, 9
<223> n = 5-bromocytosine


<400> 132
tcgtngaang utcg                                                    14

<210> 133
<211> 14
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<221> variation
<222> 5, 9
<223> n = 5-bromocytosine

<400> 133

tcgtngaang ttcg                                                    14

<210> 134
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<221> modified_base
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<222> 1
<223> n = thymine attached to a reactive linking group

<400> 134
ngactgtgaa cgttcgagat ga   22

<210> 135
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<221> modified_base
<222> 1
<223> n = thymine attached to a reactive linking group

<400> 135
ngactgtgaa cgttcgagat ga   22

<210> 136
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<400> 136
tgactgtgaa ggttagagat ga   22

<210> 137
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<221> modified_base
<222> 1
<223> n = thymine attached to a reactive linking group

<400> 137
ngactgtgaa ccttagagat ga   22

<210> 138
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<221> modified_base
<222> 1

35

<223> n = thymine attached to a reactive linking group

<400> 138,
ngactgtgaa ccttagagat ga   22

<210> 139
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<400> 139
tgactgtgaa cgttcgagat gatgactgtg aacgttcgag atgatgactg tgaacgttcg 60
agatga   66

<210> 140
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<400> 140
atcgatcgtt cgagcgac   18

<210> 141
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<400> 141
gtcgctcgaa cgatcgat   18

<210> 142
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<400> 142
agggtttttt tttttttt   18

<210> 143
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<400> 143
tcgatcgatc gatcgttcga gcgac   25

<210> 144
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<400> 144
gtcgctcgaa cgatcgattt aacaaac   27

<210> 145
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<400> 145
gtcgctcgaa cgatcgataa taaat   25

<210> 146
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<400> 146
tcgatcgtta tcgatcgttc gagcgac   27

<210> 147
<211> 12
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<400> 147
tcgattcgag cg   12

<210> 148
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<400> 148

tcgttcgagc gaattcgctc gaacgatctt   30

<210> 149
<211> 14
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic construct

<400> 149
tcgttttttt tcgc   14

<210> 150
<211> 13
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<400> 150
aaaaaaaacg ccg   13

<210> 151
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<400> 151
tcgcgaaaaa aaacga   16

<210> 152
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic construct

<400> 152
atcatccgaa cgttga   16

<210> 153
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 153

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tcgttcgaac gttccgaacg a                                    21

<210> 154
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 154
tcgttcgaac gttcgaacga                                      20

<210> 155
<211> 12
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 155
tcgaacgttc ga                                              12

<210> 156
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 156
tcgttcgaac gttcgaa                                         17

<210> 157
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 157
acttagaggt tcagtagg                                        18

<210> 158
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 158
cctactgaac ctctaagt                                        18
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